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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Artcle 36 and Rule 70)

A C1 5	r	C. N. Official and Market State of the Control of t	iminan.		
Applicant's or agent's file reference PCT-033	FOR FURTHER ACTION	SeeNotificationofTransmittalofInternationalPrel Examination Report (Form PCT/IPEA/416)	шшагу		
International application No.	International filing date(day/mor				
PCT/KR2003/000749	14 APRIL 2003 (14.04.20				
International Patent Classification (IPC IPC7 C08L 25/06, C08L 71/02, C08L 71/					
Augus					
Applicant CHEIL INDUSTRIES INC.	et al				
This international preliminary e and is transmitted to the applica-	xamination report has been prepart according to Article 36.	red by this International Preliminary Examining A	Authority		
2. This REPORT consists of a total of sheets, including this cover sheet.					
This report is also accome amended and are the basis	nanied by ANNEXES, i.e., sheets	of the description, claims and/or drawings which taining rectifications made before this Authority	have been (see Rule		
These annexes consist of a tota	l ofsheets.				
3. This report contains indications	relating to the following items:				
I X Basis of the report	•				
II Priority					
III Non-establishmen	t of opinion with regard to novelty	y, inventive step and industrial applicability			
IV Lack of unity of in	nvention	•			
V X Reasoned statement citations and explain	ent under Article 35(2) with regard anations supporting such statement	d to novelty, inventive step or industrial applicability	ty;		
VI Certain document	s cited				
VII Certain defects in	the international application				
VIII Certain observation	ons on the international application	n			
Date of submission of the demand	Date	e of completion of this report			
06 NOVEMBER 2003 (06.11	.2003)	26 JULY 2004 (26.07.2004)			
Name and mailing address of the IPE	A/KR Auti	thorized officer	mean		
Korean Intellectual Propi 920 Dunsan-dong, Seo-g Republic of Korea	erty Office	LEE, Ha Yeon			
Facinita No. 82-42-472-7140	Tele	ephone No. 82-42-481-5537			

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International aplication No.

PCT/KR2003/000749

I.	Basis	s of the report				
1.	With	regard to the elements of the international application:*				
	X	the international application as originally filed				
		the description:				
	_	pages	, as originally filed , filed with the demand			
		pages, filed with the letter of	, med with the demand			
	_					
	Ш	the claims: pages	, as originally filed			
		pages, as amended (together with an	y statment) under Article 19			
		pages, filed with the letter of	, filed with the demand			
		pages, filed with the letter of				
	Ш	the drawings:	an aniainalla. Eilad			
		pagespages	_ , as originally filed . filed with the demand			
		pages, filed with the letter of				
		the sequence listing part of the description:				
		pages	, as originally filed			
		pages, filed with the letter of	, filed with the demand			
		pages nice with the fence of				
2.	the i	th regard to the language, all the elements marked above were available or furnished to this Authinternational application was filed, unless otherwise indicated under this item. see elements were available or furnished to this Authority in the following languageEnglished the language of a translation furnished for the purposes of international search (under Rule 23 the language of publication of the international application (under Rule 48.3(b)). the language of the translation furnished for the purposes of international preliminary exam or 55.3).	which is .1(b)).			
3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing: contained in the international application in written form.						
	\sqcap	filed together with the international application in computer readable form.				
	一	furnished subsequently to this Authority in written form.				
	\exists	furnished subsequently to this Authority in computer readable form				
		The statement that the subsequently furnished written sequence listing does not go be international applicationas as filed has been furnished.	eyond the disc losure in the			
		The statement that the information recorded in computer readable form is identical to the been furnished.	written sequence listing has			
4.		The amendments have resulted in the cancellation of:				
	_	the description, pages				
		the claims, Nos.				
		the drawings, sheet				
5.						
		This report has been established as if (some of) the amendments had not been made, since go beyond the disclosure as filed, as indicated in the Supplemental Box(Rule 70.2(c)).**	e they have been considered to			
*	in th	lacement sheets which have been furnished to the receiving Office in response to an invitation units opinion as "originally filed." and are not annexed to this report since they do not contain 70.17).	nder Article 14 are referred to a amendments (Rules 70.16			
*	* Any	replacement sheet containing such amendments must be referred to under item I and annexed	to this report.			

INTERNATIONAL PRELIMINARY EXAMINATION

International aplication No. PCT/KR2003/000749

1	Statement					
••	Novelty (N)	Claims	1-8	<u>Y</u> ES		
		Claims		<u>й</u> О		
	Inventive step (IS)	Claims		YES		
		Claims		<u>и</u> о		
	Industrial applicability (IA)	Claims Claims		YES NO		
2. Citations and explanations (Rule 70.7)						
	Reference is made to the following documents:					
	D1: US 4599380 A D2: KR 2001-0107434 A D3: EP 359469 A2 D4: KR 2001-0055739 A D5: JP 09-183886 A D6: JP 09-137032 A D7: JP 08-259796 A 1. Claim 1 of the present application relates to a thermoplastic and flame retardant resin composition containing rubber modified styrene-based resin which consists of 0.1~8 wt% acrylonitrile while styrene-based resin and polyphenylene ether resin are regarded as basic resin, and phosphoric acid ester.					
	D1 discloses a polyphenylene ether resin composition containing polyphenylene ether resin and rubber modified resin. Some compared examples use rubber modified resin containing the weight of acrylonitrile which is the same as the present invention. It is used as a basic resin differing from the present invention, and the ingredients of the total weight of acrylonitrile and resin composition are different, thus there are differences in the components.					
	D2-D7 do not disclose rubber modified styrene-based resin which consists of 0.1~8 wt% of acrylonitrile and fire retardant resin composition which contains the ingredients of the composition which are the same as the present invention. In addition, the effects of the difference produce further differences. Therefore, Claim 1 of the present invention is considered to be novel and to involve an inventive step, and meets the requirement of Article 32(2) and (3) PCT.					

2. Claims 2-8 of the present invention meet the requirements of Article 32(2) and (3) PCT, as they

are dependent claims of Claim 1.